

+

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

Complete if Known

(use as many sheets as necessary)

Sheet	1	of	2
-------	---	----	---

Application Number	10/754,064
Filing Date	January 8, 2004
First Named Inventor	Gerald Meltz
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2002-IP-008446 U1 USA

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

PAZVIS

Date _____

Considered

10-31-04

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.**

+

Please type a plus sign (+) inside this box → ☐

PTO/SB/088 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO		Complete if Known	
		Application Number	10/754,064
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Filing Date	January 8, 2004
		First Named Inventor	Gerald Meltz
		Group Art Unit	Unassigned
		Examiner Name	Unassigned
		Attorney Docket Number	2002-IP-008446 U1 USA
Sheet	2	of	2

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RR		Sabeus, "Borehole Pressure & Temperature Monitoring System", dated 2003	
RR		Sabeus, "Multi-Point Temperature System", dated 2003	
RR		Sabeus Sensor Systems Division, Sabeus Photonics, Inc., "Fact Sheet", dated October 7, 2002	
RR		R&D Review of Toyota CRDL, Vol. 37, No. 1, "Improvement in Pressure-Sensitive Paint by Employing Metal Oxide-Polymer Composite Binder", dated 2002	
RR		M.J. Gander et al., "Pressure Measurements at a Nozzle Guide Vane Edge Using Embedded Fibre Optic Sensors", dated September 2002	
RR		Springer-Verlag, "Pressure-sensitive Paint Measurements in a Shock Tube", dated 2000	
RR		ISSI, "Pressure and Temperature Sensitive Paint Measurements", dated 1998-1999	
RR		ISSI, "PSP Summary", undated	
RR		U.S. Patent Application Serial No. 10/008,503 filed November 8, 2001	
RR		Sigma Enterprises, "HalSonics Acoustic Pulse Generator", undated	
RR		HalSonics, "Surface Operated Non-intervention Completion Systems", dated 2001	

Examiner Signature	RAEJIS	Date Considered	10-31-04
---------------------------	--------	------------------------	----------

¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/08A (08-00)
Approved for use through 10/31/2002. CMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

Complete if Known

Application Number	10/754,064
Filing Date	January 8, 2004
First Named Inventor	Gerald Meltz
Group Art Unit	Unassigned
Examiner Name	Unassigned
Attorney Docket Number	2002-IP-008446 U1 USA

U.S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
RE		6,450,037		Rebecca S. McGuinn et al.	09-17-2002	
RE		6,354,147		Daniel L. Gysling et al.	03-12-2002	
RE		6,384,738		Kenneth J. Carstensen et al.	05-07-2002	
RE		6,209,388		Winsor Letton et al.	04-03-2001	
RE		4,080,837		John D. Alexander et al.	03-28-1978	
RE		4,996,419		William W. Morey	02-26-1991	
RE		5,200,894		James N. McCoy et al.	04-06-1993	
RE		4,806,012		Gerald Meltz et al.	02-21-1989	
RE		5,163,321		Kenneth L. Perales	11-17-1992	
RE		5,754,495		Neal G. Skinner	05-19-1998	
RE		6,321,838		Neal G. Skinner	11-27-2001	
RE		5,747,749		Adam Bednarczyk et al.	05-05-1998	
RE		5,777,278		Adam Bednarczyk et al.	07-07-1998	
RE		6,151,958		Winsor Letton et al.	11-28-2000	
RE		4,856,321		Jack W. Smalling et al.	08-15-1989	
RE		4,596,133		Jack W. Smalling et al.	06-24-1986	
RE		2002/0140573		Kenneth J. Carstensen et al.	10-03-2002	

FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
		Office ³	Number ⁴	Kind Code ² (if known)				
RE		WO	2004/009957	A1	Halliburton Energy Services, Inc.	01-29-2004		

Examiner
Signature

RAE V13

Date

Considered

10-31-04

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box → ☐

PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/754,064		
		Filing Date	January 8, 2004		
		First Named Inventor	Gerald Meltz		
		Group Art Unit	Unassigned		
		Examiner Name	Unassigned		
Sheet	2	of	2	Attorney Docket Number	2002-IP-008446 U1 USA

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
RL		OFS Postdeadline Papers, "Fabricating fiber Bragg gratings with tailored spectral properties for strain sensor arrays using a post-exposure rescan technique", dated May 2002	
RL		IEEE Journal of Lightwave Technology, "Fiber Grating sensors", dated 1997	
RL		Markland, "Production and Reservoir Management", undated	
RL		SPE 56584, "Gas-Liquid Metering Using Pressure-Pulse Technology", October 1999	

Examiner Signature	PAEVIS	Date Considered	10-31-04
-----------------------	--------	--------------------	----------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.